details of the generation capacity, amount of investment, etc., plant-wise;

(b) whether all the plants are in the public Sector; and

(c) what is the number of thermal and gas-based power plants out of the plants referred to in part (a) above and what is the coal and gas requirement of each plant?

THE MINISTER OF STATE IN THE DEPARTMENT OF POWER IN THE MINISTRY OF ENERGY (SHRIMATI SUSHILA ROHATGI): (a) to (c) The information is being collected and will be laid on the Table of the House.

Target of rural electrification in Orissa

923. SHRI SUBAS MOHANTY: Will the Minister of ENERGY be pleased to state:

(a) what is the target of rural electrification in the Orissa State and how many villages are likely to be provided with electricity during the year 1987-88;

(b) what was the target of rural electrification for the last three years, year-wise; and

(c) whether it has been fully achieved and if not, what are the reasons for the same?

THE MINISTER OF STATE IN THE DEPARTMENT OF POWER IN THE MINISTRY OF ENERGY (SHRIMATI SUSHILA ROHATGI): (a) A target of electrification of 1400 villages and energisation of 5000 pumpsets in Orissa has been fixed during 1987-88. All efforts are being made to achieve the targets.

(b) and (c) The targets and achievements of rural electrification during the last three years are as under:—

	Village (as per 1971 census)		Pump sets	
Years	Target	Achievement	Target	Achievenment
1984-85	1225	1242	6640	3611
1985-86	1560	1141	7200	2615
1986-87	1386	1392	5000	2200

The main reasons for the short-fall in achieving the targets of rural electrification were lack of sub-transmission support, financial stringency faced by the SEB, lack of coordination, short supply of construction materials and difficult terrain etc.

Thermal power station in Madhya Pradesh

924. SHRI AJIT P. K. JOGI: Will the Minister of ENERGY be pleased to state:

(a) whether it is a fact that in spite of the projected high deficit in power generation in the coming years no new thermal stations are contemplated for the State of Madhya Pradesh execpt the ongoing 2x210 MW Bir Singpur Thermal Power Station;

(b) whether Government are aware of the fact that some of the existing thermal stations like the Korba power station-I (commissioned in 1959) are highly uneconomical and also require a large work force to operate and therefore may have to be closed down after some time resulting in futher deficit;

(c) whether Government are also aware that on environmental consideration, old and small capacity thermal stations requiring heavy expenditure on pollution control, will have to be closed down after some time resulting in greater deficit; and

(d) if the answer to parts (a) to (c) above be in the affirmative, what are the

power projects in Madhya Pradesh which are pending for sanction/clearance and reasons for the delay in their sanction/clearnace?

THE MINISTER OF STATE IN THE DEPARTMENT OF POWER IN THE MINISTRY OF ENERGY (SHRIMATI SUSHILA ROHATGI): (a) and (d) The latest status of the thermal and hydel projects of Madhya Pradesh awaiting sanction/clearance is given in the enclosed Statement (*see* below).

(b) and (c) The information is being collected and will be laid on the Table of the House.

Statement

Sl.No.	Name of the Project	Installed Capacity (MW)	Present status of clearance/sanction
	Thermal projects under examination in CEA		
1	Bandhav (Joint Project of Gujarat and Madhya Pradesh)	4×500	Some inputs such a coal linkage, environmental clearance from Department of Environment as well as the State Pollution Board, Civil Aviation clearance water availability etc. are required to be tied up for techno-economic appraisal of these schemes.
2	Sanjay Gandhi Extension Units 2&4 (Birsinghpur)	2×210	
3	Mand (Joint Project of Gujarat and Madhya Pradesh)	2×210	
4	Pench	2×210	
	Hydro Electric schemes cleared by CEA and awaiting sanction		
1	Narmada Sagar . . .	8×125	Cleared by CEA. Deprtment of Environment and Forests have cleared this project from environmental angle subject to certain conditions. Clearance from forest angle yet to be obtained.
2	Sardar Sarovar (M.P./Gujarat/ Maharashtra)	6×200+5×500	Environment and forest clearance awaited.
3	Rajghat (U.P./M.P) . .	3×15	Recommended to Planning Commission for investment approval.
	Hydel projects under examination in the CEA		
1.	Kutru	3×50	Replies to comments on civil design aspects awaited from Project Authorities. Overall planning studies of projects in Indiravati Basin is to be cerried out by the Project Authorities.
2.	Maheshwar	6×40	Revised Project Report with an installed capacity of 8×40MW is to be submitted by the Project Authorities
3.	Bir Singhpur	1×20	Replies are awaited from the Project Authorities on electrical design, coast estimates, hydrology etc.
4.	Orchha Multi Purpose Project .	2×30—2×15	The Projects are first to be cleared by the TAC of the Planning Commission before the power component can be processed by the CEA.
5.	Ken Multi Purpose Project .	2x15—2×10	
6.	Omkareshwar Multi Purpose Project	6×65	